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By: 

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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JUL 18 2003

In re Application of: Lal et al.

TECH CENTER 1600/2900

Title: CARBOHYDRATE-MODIFYING ENZYME

Serial No.: 09/980,729

Filing Date: March 28, 2002

Examiner: Rao, M.

Group Art Unit: 1652

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to 37 C.F.R. §§ 1.56, 1.97 and 1.98, Applicants wish to call to the attention of the Examiner the enclosed "List of References Cited by Applicants." The right is reserved to antedate any item in accordance with standard procedure.

Applicants respectfully submit that references 1-27 of the cited documents are voluminous U.S. and foreign patent publications which would be burdensome both for Applicants to print and mail, and for the USPTO to receive, store and handle. Therefore, in the interest of reducing the burden on both Applicants and the USPTO, Applicants submit herewith two (2) CD-R disks containing an Adobe Acrobat (.pdf) file downloaded from Micropat containing the entirety of the cited U.S. and foreign applications. In addition, it is noted that Examiner Cecilia Tsang of TC 1600 assured Diana Hamlet-Cox of Incyte Corporation, that the USPTO has electronic access to published PCT applications (see M.P.E.P. § 901.05(c)), so additional paper copies of such references would be duplicative.

The twenty-seven (27) cited U.S. and foreign patent applications are listed below. The U.S. and foreign patent applications comprises the indicated number of pages.

<u>U.S. Patent Document</u>	<u>No. Pages</u>
20020127584	701 pages
20020123463	655 pages
20020103125	649 pages
20030022298	716 pages
20030027280	710 pages

111849

20030027163	653 pages
20030027272	711 pages
20020142961	647 pages
20020132252	648 pages
20030027162	579 pages
20030027985	653 pages
20020160384	650 pages
20030032102	710 pages
20030036156	711 pages
20030036157	709 pages
20030036162	706 pages
20020142386	88 pages

<u>PCT Application</u>	<u>No. Pages</u>
WO 99/03874 A1	22 pages
WO 99/38881 A1	393 pages
WO 99/63088 A2, A3, A8	832 pages
WO 00/06776 A1	72 pages
WO 00/35937 A1	562 pages
WO 00/37491 A2, A3	312 pages
WO 00/52135 A2, A2R6	300 pages
WO 00/52136 A2, A3	120 pages
WO 00/55350 A1	2352 pages
WO 00/61779 A1	497 pages

Citation of the documents is not to be construed as an admission that the documents are necessarily prior art with respect to the instant invention. This submission is understood to complement the results of the Examiner's own independent search. Citation of the documents shall not be construed as a representation that a search has been made or that the cited items are inclusive of all the relevant and material citations that may be available publicly. Any NCBI report included herein may not have an accurate date for prior art purposes. Some of the documents may have markings thereon. No significance is meant to be attached to the markings.

Applicants respectfully request that the cited documents be considered by the Examiner and that an initialed copy of the List of References Cited by Applicants be returned to Applicants.

It is believed that this disclosure complies with 37 CFR §§ 1.56, 1.97 and 1.98 and the Manual of Patent Examining Procedures § 609. If for some reason the Examiner considers otherwise, please telephone the undersigned.

Applicants believe that no fee is due with this paper. However, if the Commissioner determines that a fee is necessary, the Commissioner is hereby authorized to charge any additional fees associated with this communication or credit any overpayment to Deposit Account No. **09-0108**.

If there are any questions regarding the above, the Examiner is invited to call the undersigned.

Respectfully submitted,

INCYTE CORPORATION

Date: July 11, 2003

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Docket No.: PF-0687 USN

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FEE TRANSMITTAL SHEET

Sir:

Transmitted herewith are the following for the above-identified application:

1. Return Receipt Postcard;
2. Information Disclosure Statement (3 pp.);
3. List of References Cited by Applicants (PTO-1449) (4 pg.);
4. Two (2) CD-R's containing References 1-17 and 18-27; and
5. Eighteen (18) References #28-45.

The fee has been calculated as shown below.

X No additional Fee is required.

 Please charge Deposit Account No. **09-0108** in the amount of : \$

The Commissioner is hereby authorized to charge any additional fees required under 37 CFR 1.16 and 1.17, or credit overpayment to Deposit Account No. 09-0108. A duplicate copy of this sheet is enclosed.

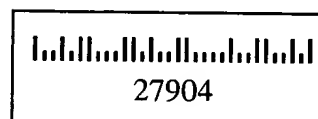
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U.S. Department of Commerce, Patent and Trademark Office		Atty Docket No.	Serial No.
		PF-0687 USN	09/980,729
LIST OF REFERENCES CITED BY APPLICANTS		Applicants	
(Use several sheets if necessary)		Lal et al.	
		Filing Date	Group
		March 28, 2002	1652

U.S. Patent Documents

*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
	1	20020127584	2002-09-12	Baker et al.			
	2	20020123463	2002-09-05	Ashkenazi et al.			
	3	20020103125	2002-08-01	Ashkenazi et al.			
	4	20030022298	2003-01-30	Baker et al.			
	5	20030027280	2003-02-06	Baker et al.			
	6	20030027163	2003-02-06	Ashkenazi et al.			
	7	20030027272	2003-02-06	Baker et al.			
	8	20020142961	2002-10-03	Ashkenazi et al.			
	9	20020132252	2002-09-19	Ashkenazi et al.			
	10	20030027162	2003-02-06	Ashkenazi et al.			
	11	20030027985	2003-02-06	Ashkenazi et al.			
	12	20020160384	2002-10-31	Ashkenazi et al.			
	13	20030032102	2003-02-13	Baker et al.			
	14	20030036156	2003-02-20	Baker et al.			
	15	20030036157	2003-02-20	Baker et al.			
	16	20030036162	2003-02-20	Baker et al.			
	17	20020142386	2002-10-03	Betenbaugh et al.			

Foreign Patent Documents

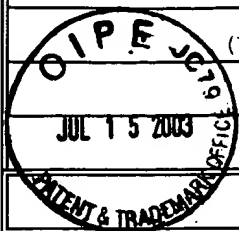
							Translation	
		Document	Date	Country	Class	Subclass	Yes	No
	18	WO 99/03874	1999-01-28					
	19	WO 99/38881	1999-08-05					

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

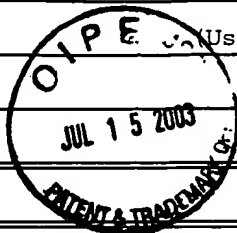
Examiner	Date Considered
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		Document	Date	Country	Class	Subclass	Yes	No
	20	WO 99/63088	1999-12-09					
	21	WO 00/06776	2000-02-10					
	22	WO 00/35937	2000-06-22					
	23	WO 00/37491	2000-06-29					
	24	WO 00/52135	2000-03-01					
	25	WO 00/52136	2000-09-08					
	26	WO 00/55350	2000-09-21					
	27	WO 00/61779	2000-10-19					
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	28	Munster, A.K. et al., (GI3413319), GenBank Sequence Database (Accession AJ006215), National Center for Biotechnology Information, National Library of Medicine, Bethesda, Maryland 20894, 07 August 1998						
	29	Sjoberg, E.R. et al., (GI1008902), GenBank Sequence Database (Accession L29554), National Center for Biotechnology Information, National Library of Medicine, Bethesda, Maryland 20894, 23 April 1996						
	30	White, S. et al., (GI1729535), GenBank Sequence Database (Accession Z81497), National Center for Biotechnology Information, National Library of Medicine, Bethesda, Maryland 20894, 21 May 2003						
	31	Hays, W.S. et al., (GI1777769), GenBank Sequence Database (Accession U50545), National Center for Biotechnology Information, National Library of Medicine, Bethesda, Maryland 20894, 22 January 1997						
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				March 28, 2002		1652	
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Foreign Patent Documents							
						Translation	
		Document	Date	Country	Class	Subclass	Yes No
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)							
	32	Yahata, K. et al., (GI11559217), GenBank Sequence Database (Accession AB017913), National Center for Biotechnology Information, National Library of Medicine, Bethesda, Maryland 20894, 30 January 2001					
	33	Kim, C.J. et al., (GI27363301), GenBank Sequence Database (Accession BT002654), National Center for Biotechnology Information, National Library of Medicine, Bethesda, Maryland 20894, 23 December 2002					
	34	Jackson, M.R. et al., (GI37588), GenBank Sequence Database (Accession Y00317), National Center for Biotechnology Information, National Library of Medicine, Bethesda, Maryland 20894, 23 March 1995					
	35	Jackson, M.R. et al., (GI3135024), GenBank Sequence Database (Accession AJ005162), National Center for Biotechnology Information, National Library of Medicine, Bethesda, Maryland 20894, 24 June 1998					
	36	Jin, C.J. et al., (GI3426331), GenBank Sequence Database (Accession AF081793), National Center for Biotechnology Information, National Library of Medicine, Bethesda, Maryland 20894, 18 August 1998					
	37	Riedy, M. et al., (GI8650277), GenBank Sequence Database (Accession AF135416), National Center for Biotechnology Information, National Library of Medicine, Bethesda, Maryland 20894, 22 June 2000					
	38	Leiby, K.R., (GI23342556), GenBank Sequence Database (Accession AX497163), National Center for Biotechnology Information, National Library of Medicine, Bethesda, Maryland 20894, 26 September 2002					
	39	Kim, S.W. et al., (GI6002699), GenBank Sequence Database (Accession AF127142), National Center for Biotechnology Information, National Library of Medicine, Bethesda, Maryland 20894, 20 February 2003					
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						Translation	
	Document	Date	Country	Class	Subclass	Yes	No
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	40	Hays, W.S. et al., (GI17225223), GenBank Sequence Database (Accession AF323990), National Center for Biotechnology Information, National Library of Medicine, Bethesda, Maryland 20894, 02 December 2001					
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	42	Munster, A.K., "Mammalian cytidine 5'-monophosphate N-acetylneuraminic acid synthetase: A nuclear protein with evolutionarily conserved structural motifs", <u>Proc. Natl. Acad. Sci. USA</u> , (1998) 95: 9140-9145					
	43	Sjoberg, E.R., "Molecular Cloning of a Developmentally Regulated N-Acetylgalactosamine α 2,6-Sialyltransferase Specific for Sialylated Glycoconjugates", <u>The Journal of Biological Chemistry</u> , (1996) 271: 7450-7459					
	44	Hays, W.S., "Primary structure of the cytosolic β -glucosidase of guinea pig liver", <u>Biochem. J.</u> , (1996) 319: 829-837					
	45	Yahata, K., "Molecular cloning and expression of a novel klotho-related protein", <u>J Mol Med.</u> (2000) 78: 389-394					
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